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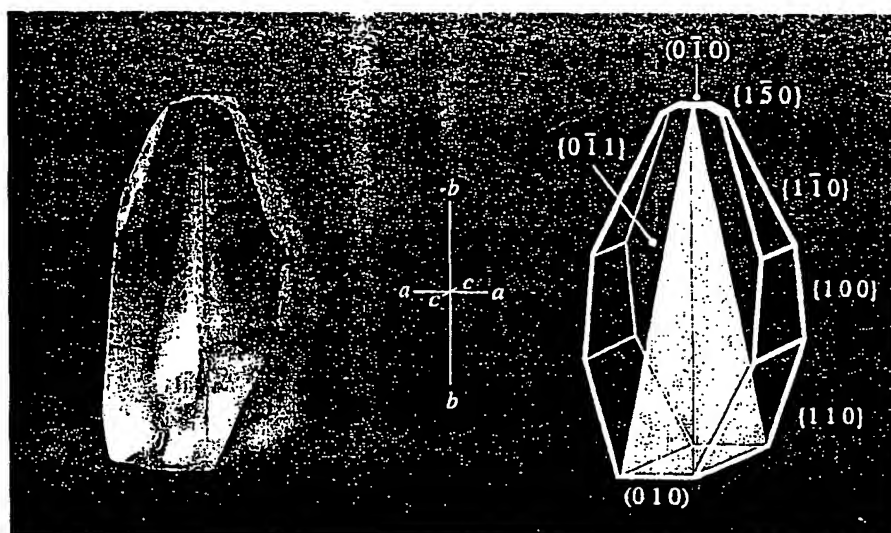
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(54) Title: PHARMACEUTICAL MATERIALS AND METHODS FOR THEIR PREPARATION AND USE



(57) Abstract: Pharmaceutical compositions comprising crystals of a pharmaceutically-acceptable crystal lattice component, and an active pharmaceutical ingredient different from and included within the crystal lattice component in a growth-sector specific orientation. The crystals are prepared using components and methods which yield crystals having suitable purity and efficacy for use in administering the active pharmaceutical ingredients to a patient. The crystals are typically combined with adjuvants such as excipients, diluents or carriers, and are preferably formulated into tablets, capsules, suspensions, and other conventional forms containing predetermined amounts of the pharmaceuticals. Also provided are methods for preparing the crystals, and methods for storing and administering the active pharmaceutical ingredient either included within the crystals or upon reconstitution of the crystals to a solution.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Int'l onal Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/16 A61K9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 21838 A (ERIDANIA BEGHIN-SAY, FR) 19 June 1997 (1997-06-19) claims page 10, line 3 - line 18 ---	1, 7, 10, 12-14
A	EP 0 119 480 A (BASF) 26 September 1984 (1984-09-26) claims ---	1-14
A	EP 0 314 469 A (FUJITSU LTD., JP) 3 May 1989 (1989-05-03) claims ---	1-14
A	EP 0 435 450 A (ICI AMERICAS) 3 July 1991 (1991-07-03) cited in the application claims ---	1-14
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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